

Amendments to the Specification:

Please replace paragraph [0062] with the following amended paragraph:

[0062] In some illustrative embodiments, the “smart” control can include a system including at least some of the components shown in FIG. 5. In some embodiments, “smart” control can establish a desired valve position based upon sensed feedback of system conditions. As shown in FIG. 5, for instance, system conditions can be based on one or more sensor(s) that provide(s) temperature and/or pressure conditions. Moreover, the system can, in some instances, sense boost pressure and/or ambient humidity conditions so as to control valve positioning taking into account variation in these factors. When incorporated into the engine ECU, engine conditions (e.g., load) and/or other parameters (see, e.g., sensors, etc., discussed herein and/or parameters described in U.S. Patent No. 6,378,515 incorporated herein) can be used to regulate bypass operation during ambient conditions. ~~The~~ This can allow for up to 100% bypass flow (e.g., depending on circumstances) and the operation of the EGR system at colder temperatures.